# **CLAIMS**

What is claimed is:

- 1. A printing apparatus comprising:
- a print medium transport system;
- a translucent roller; and

an ultraviolet light source for curing an image on a print medium.

- 2. The apparatus of claim 2, wherein the ultraviolet light source is disposed in the translucent roller.
- 3. The apparatus of claim 1, further comprising a pressure roller arranged adjacent to the translucent roller for imparting pressure to a page passing between the translucent roller and the pressure roller.
  - 4. The apparatus of claim 3, wherein the pressure roller is translucent.
- 5. The apparatus of claim 1, wherein the translucent roller comprises borosilicate glass.
- 6. The apparatus of claim 1, further comprising an ultraviolet light-curable toner supply.
- 7. The apparatus of claim 6, wherein the ultraviolet light-curable toner supply comprises:

an ultraviolet light curable resin; toner particles suspended in the resin; and a charge director added to the resin.

8. The apparatus of claim 7, further comprising a surfactant to facilitate the suspension of the toner particles in the resin.

- 9. The apparatus of claim 7, wherein the charge director comprises quaternary ammonium salts.
  - 10. The apparatus of claim 6, further comprising:

at least one photosensitive drum;

at least one laser optic system for tracing an image on the at least one photosensitive drum; and wherein the ultraviolet light-curable toner supply is electrically charged opposite of the image traced on the at least one photosensitive drum.

11. A toner fusing apparatus comprising:

at least one translucent roller in a laser printer, the at least one translucent roller comprising an ultraviolet light source disposed therein.

- 12. The apparatus of claim 11, further comprising a pressure roller arranged adjacent to the at least one translucent roller for imparting pressure to a printing medium passing therebetween.
- 13. A method of printing an image on a print medium by the electrophotography process comprising the step of:

fusing a UV sensitive toner suspension to the print medium by applying UV light to the toner, the fusing occurring separate from transfer of the UV sensitive toner to the print medium.

- 14. The method of claim 12, wherein the step of applying UV light to the toner comprises passing UV light through at least a portion of a borosilicate roller.
  - 15. The method of claim 12, further comprising the steps of: cleaning at least one organic photoconductive (OPC) drum; conditioning the at least one OPC drum to accept an image from at least one laser; writing a latent image on the at lease one drum with a laser beam; developing the latent image into a toner image by attracting toner to the at least one

OPC drum; and

transferring the toner to the page.

16. A method of fusing an image to a print medium comprising the steps of: transferring toner from at least one photoconductive drum of a laser printer to the print medium; and

separately fusing the toner to the print medium by the application of UV light to the toner.

- 17. The method of claim 16, wherein the method is accomplished by a conventional laser printing apparatus with the addition of a UV fusing station.
- 18. The method of claim 17, wherein the conventional laser printing apparatus does not comprise a heating element.
- 19. The method of claim 16, further comprising the step of providing a translucent roller, wherein the application of UV light to the toner is accomplished via the translucent roller.
  - 20. A borosilicate cylinder comprising a UV light source therein.
- 21. The cylinder of claim 20, further comprising a laser printer integrated therewith.
  - 22. A chemical compound comprising: an ultraviolet light curable resin; toner particles suspended in the resin; and a charge director.
- 23. The compound of claim 22, further comprising a surfactant to facilitate the suspension of the toner particles in the resin.

- 24. The compound of claim 23, wherein the surfactant comprises Nonoxinal™.
- 25. The compound of claim 22, wherein the charge director comprises quaternary ammonium salts.
- 26. The compound of claim 22, wherein the compound is inserted into a receptacle of a laser printing apparatus.
- 27. The compound of claim 22, wherein the compound is used with a liquid electro-photography printing apparatus.
  - 28. A printing apparatus comprising:
  - a toner transfer system for transferring toner to a print medium; and a UV light station separate from the toner transfer system for fusing the toner to the print medium by the application of UV light to the toner.
- 29. The printing apparatus of claim 28, wherein the UV light station comprises a borosilicate cylinder with a UV light source disposed therein.
- 30. The printing apparatus of claim 29, further comprising a UV translucent, compliant elastomer coating disposed on the borosilcate cylinder for enhancing gloss fusing.
- 31. The printing apparatus of claim 30, wherein the elastomer coating is silicon rubber.